

Ref #	Hits	Search Query	DBs	Default Operat or	Plura ls	Time Stamp
L1	63085	(castor adj oil) or (ricinoleic near5 acid)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/01/19 12:36
L2	899	(castor or ricinoleic) near5 (estolide or polyester)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/01/19 12:37
L3	9400	(epoxidi?ed or epoxidat?\$2 or epoxylat?\$2) near5 (vegetable or soybean or soya or soyabean)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/01/19 12:38
L4	524	(l1 or l2) near10 l3	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/01/19 12:59

L5	58	(l1 or l2) and l3	EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/01/19 12:57
L6	2	jp-51118099-\$.did.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/01/19 12:58
L7	523	l4 not l6	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/01/19 12:59
L8	36280	"523"/\$.ccls.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/01/19 13:03

L9	110512	"525"/\$.ccls.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/01/19 13:03
L10	176	I7 and (I8 or I9)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/01/19 13:29

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7	(("4316940") or ("2921040")).PN.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TD B	OR	OFF	2006/01/19 16:53
L2	283587	((epoxidi?ed or epoxidat?\$2 or epoxylat?\$2) near5 (vegetable or soy\$5)) or (epox?\$3 adj resin) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TD B	OR	ON	2006/01/19 16:55
L3	83447	ricinoleic or castor	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TD B	OR	ON	2006/01/19 16:55
L4	290405	peroxide or butylperoxy or butylperoxyisopropyl or hydroperoxide or monohydroperoxide or cumylhydroperoxide or methylethylketoneperoxide or dicumylperoxide or dibenzoylperoxide	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TD B	OR	ON	2006/01/19 16:57

L5	3120	I2 and I3 and I4	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/01/19 16:57
L6	249	(I2 near10 I3) and I4	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/01/19 16:58
L7	140	I3 near10 I4	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/01/19 16:58
L8	19	I2 and I7	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/01/19 17:04

L9	35	(castor or ricinoleic) near3 estolide	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/01/19 17:04
L10	3	I2 and I9	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/01/19 17:05

(FILE 'HOME' ENTERED AT 14:04:02 ON 19 JAN 2006)

FILE 'CAPLUS' ENTERED AT 14:04:10 ON 19 JAN 2006
L1 1 S JP05132616/PN

FILE 'REGISTRY' ENTERED AT 14:04:47 ON 19 JAN 2006
L2 60 S EPOXID? (3A) SOY?
L3 215 S RICINOLEIC(W) ACID
L4 0 S (RICINOLEIC(W) ACID) AND ESTOLIDE
L5 0 S (RICINOLEIC(W) ACID) AND POLYESTER
L6 215 S RICINOLEIC(W) ACID
L7 0 S 200-209
L8 1383 S CASTOR(W) OIL

FILE 'CAPLUS' ENTERED AT 14:10:04 ON 19 JAN 2006
L9 0 S 8001-79-4#/RN
L10 0 S 8013-07-8#/RN
L11 5184 S (EPOX!DI!ED OR EPOXIDAT!## OR EPOXYLAT!##) (5A) (SOYA OR SOY OR
S EP/PCT

FILE 'REGISTRY' ENTERED AT 14:11:40 ON 19 JAN 2006
L12 48021 S EP/PCT

FILE 'CAPLUS' ENTERED AT 14:11:40 ON 19 JAN 2006
L13 73550 S L12
L14 177457 S (EPOX!###(W)RESIN#) OR DIEPOX!### OR POLYEPOX!### OR DIGLYCID
L15 187227 S L10 OR L13 OR L14
L16 29475 S CASTOR(5A)OIL#
L17 1998 S 141-22-0#/RN
L18 1275 S L15 AND (L16 OR L17)

FILE 'CAPLUS' ENTERED AT 14:13:41 ON 19 JAN 2006

FILE 'REGISTRY' ENTERED AT 14:13:44 ON 19 JAN 2006
L19 2647 S SEBACIC(W) ACID

FILE 'CAPLUS' ENTERED AT 14:14:32 ON 19 JAN 2006
L20 62463 S (POLYCARBOXYLIC OR DICARBOXYLIC) (W) ACID#
L21 65581 S L20 OR (111-20-6#/RN)
L22 123422 S CROSSLINKER# OR (CROSS(W) (LINKER#)) OR ((CURING OR HARDENING

=> s l21 or l22
L23 186383 L21 OR L22

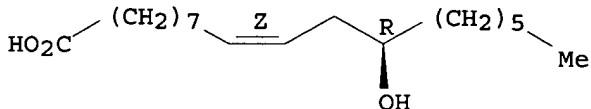
=> s l18 and l23
L24 339 L18 AND L23

=> s l15(7a) (l16 or l17)
L25 506 L15(7A) (L16 OR L17)

=> s l25 and l23
L26 142 L25 AND L23

RN 141-22-0 REGISTRY
ED Entered STN: 16 Nov 1984
CN 9-Octadecenoic acid, 12-hydroxy-, (9Z,12R)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 9-Octadecenoic acid, 12-hydroxy-, [R-(Z)]-
CN Ricinoleic acid (8CI)
OTHER NAMES:
CN (R)-12-Hydroxyoleic acid
CN 12-D-Hydroxy-9-cis-octadecenoic acid
CN 12-Hydroxy-cis-9-octadecenoic acid
CN 12-Hydroxyoctadeca-9-enoic acid
CN Edenor Ri 90
CN Nouracid CS 80
CN NSC 281242
CN Ricinic acid
CN Ricinolic acid
FS STEREOSEARCH
DR 8040-35-5, 25607-48-1, 17026-54-9, 45260-83-1
MF C18 H34 O3
CI COM
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS,
BIOTECHNO, CA, CABA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST,
CIN, CSCHEM, CSNB, DDFU, DETHERM*, DRUGU, EMBASE, HSDB*, IFICDB, IFIPAT,
IFIUDB, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM*, PIRA,
PROMT, PS, RTECS*, SPECINFO, TOXCENTER, TULSA, USPAT2, USPATFULL, VTB
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry. Rotation (-).
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1996 REFERENCES IN FILE CA (1907 TO DATE)
405 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1998 REFERENCES IN FILE CAPLUS (1907 TO DATE)
6 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 8001-79-4 REGISTRY *

* Use of this CAS Registry Number alone as a search term in other STN files may result in incomplete search results. For additional information, enter HELP RN* at an online arrow prompt (=>).

ED Entered STN: 16 Nov 1984

CN Castor oil (CA INDEX NAME)

OTHER NAMES:

CN 3 Castor Oil

CN Aromatic castor oil

CN Castor oil 3

CN Crystal O

CN DB Oil

CN ELA-DR

CN Fats and Glyceridic oils, castor

CN Fats and Glyceridic oils, ricin

CN LAVCO

CN Neoloid

CN No. 3 Castor oil

CN Oil of Palma Christi

CN Oils, glyceridic, ricin

CN Phorbyol

CN Ricinol

CN Ricinus communis oil

CN Tangantangan oil

CN Thixcin ST

CN Viscotrol C

CN Z 1

CN Z 1 (oil)

DEF Extractives and their physically modified derivatives. It consists primarily of the glycerides of the fatty acid ricinoleic. (Ricinus communis).

DR 8013-56-7, 8015-57-4, 8021-37-2, 8036-08-6, 8041-22-3, 8041-95-0,
89958-32-7

MF Unspecified

CI COM, MAN, CTS

LC STN Files: ADISNEWS, AGRICOLA, BIOSIS, BIOTECHNO, CASREACT, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DIOGENES, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, HSDB*, IPA, MEDLINE, MSDS-OHS, NIOSHTIC, PDLCOM*, PROMT, RTECS*, TOXCENTER, TULSA, ULIDAT, USAN, USPAT2, USPATFULL, VETU, VTB
(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

RN 8013-07-8 REGISTRY *

* Use of this CAS Registry Number alone as a search term in other STN files may result in incomplete search results. For additional information, enter HELP RN* at an online arrow prompt (=>).

ED Entered STN: 16 Nov 1984

CN Soybean oil, epoxidized (CA INDEX NAME)

OTHER NAMES:

CN Adekacizer O 130L
CN Adekacizer O 130P
CN Adekacizer O 130PA
CN Adekacizer O 130S
CN ADK Cizer Ø 130L
CN ADK Cizer O 130P
CN ADK Cizer O 130PA
CN ADK Cizer O 130S
CN ADK Cizer O 13P
CN Admex 711
CN ATO Vikoflex 7170
CN Baerostab LSA
CN D 130P
CN Daimac S 300
CN Daimac S 300K
CN Drapex 6.8
CN Drapex 68
CN E 2000
CN Ecepox PB 1
CN Edenol D 16
CN Edenol D 20
CN Edenol D 81
CN Edenol D 82
CN Epocizer P 206
CN Epocizer W 1000
CN Epocizer W 100EL
CN Epocizer W 100S
CN Epoxidized soya oil
CN Epoxidized soybean oil
CN Epoxol 7-4
CN Ergoplast ES
CN ESBO
CN Estabex 2307
CN Flexol EPO
CN G 62
CN Interstab Plastoflex 2307
CN Kapox S 6
CN Kronox S
CN Lankroflex E 2307
CN Lankroflex GE
CN Merginat ESB
CN New-Cizer 510R
CN Newkalgen 800
CN NF 3000
CN NK 800
CN O 130P
CN Paraplex G 60
CN Paraplex G 61
CN Paraplex G 62
CN Pennac TM

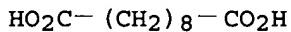
ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
DISPLAY

DR 12768-71-7, 9036-74-2, 11114-05-9, 121853-93-8, 53569-11-2, 55070-15-0,
56090-94-9, 51059-88-2, 61788-96-3, 37260-65-4, 37307-47-4, 37311-19-6,
39378-88-6, 39390-63-1, 52440-01-4, 193425-83-1

MF Unspecified

CI MAN, CTS

RN 111-20-6 REGISTRY
ED Entered STN: 16 Nov 1984
CN Decanedioic acid (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Sebacic acid (8CI)
OTHER NAMES:
CN 1,10-Decanedioic acid
CN 1,8-Octanedicarboxylic acid
CN n-Decanedioic acid
CN NSC 19492
CN NSC 97405
FS 3D CONCORD
MF C10 H18 O4
CI COM
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, DDFU, DETHERM*, DIOGENES, DIPPR*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM*, PHAR, PIRA, PROMT, RTECS*, SPECINFO, TOXCENTER, TULSA, USPAT2, USPATFULL, VTB
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4875 REFERENCES IN FILE CA (1907 TO DATE)
997 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
4878 REFERENCES IN FILE CAPLUS (1907 TO DATE)
6 REFERENCES IN FILE CAOLD (PRIOR TO 1967)